

FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 82857LMB Customer No. 01333	Serial No.
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee	Applicant: Narasimharao Dontula, et al	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)	Filing Date	Group

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U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KJWL	4,115,475	09/19/78	Foy et al.			
	4,195,015	03/25/80	Deleens et al.			
	4,208,493	06/17/80	Deleens et al.			
	4,230,838	10/28/80	Foy et al.			
	4,238,582	12/09/80	Deleens et al.			
	4,252,920	02/24/81	Deleens et al.			
	4,331,786	05/25/82	Foy et al.			
	4,332,920	06/01/82	Foy et al.			
	4,739,007	04/19/88	Okada et al.			
	4,810,734	05/07/89	Kawasumi et al.			
	4,839,441	06/13/89	Cuzin et al.			
	4,864,014	09/05/89	Cuzin et al.			
	4,894,411	01/16/90	Okada et al.			
	5,102,948	04/07/92	Deguchi et al.			
	5,164,440	11/17/92	Deguchi et al.			
	5,164,460	11/17/92	Yano et al.			
	5,248,720	09/28/93	Deguchi et al.			
	5,385,776	01/31/95	Maxfield et al.			
	5,514,734	05/07/96	Maxfield et al.			
	5,578,672	11/26/96	Beall et al.			
	5,637,407	06/10/97	Hert et al.			
	5,703,161	12/30/97	Steenblock et al.			
	5,747,560	05/05/98	Christiani et al.			
	5,804,613	09/08/98	Beall et al.			
	5,807,796	09/15/98	Degrad et al.			
	5,830,983	11/03/98	Alex et al.			
	5,880,197	03/09/99	Beall et al.			
	5,939,183	08/17/99	Kuratsuji et al.			
	5,951,494	09/14/99	Wang et al.			
	5,973,053	10/26/99	Usuki et al.			
	5,998,545	12/07/99	Melot et al.			
	6,063,505	05/16/00	Kuratsuji et al.			
	6,133,375	10/17/00	Betremieux et al.			
	6,183,382 B1	02/06/01	Kim et al.			
	6,203,920 B1	03/20/01	Bouilloux et al.			
	6,217,548 B1	04/17/01	Tsugita et al.			
KJWL	6,221,042 B1	04/21/01	Adams			

KIW	6,251,128 B1	06/2001	Knopp et al.			
FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
KIW	A. Okada et al., Polym Prep., 1987, Vol. 28, pages 447-448					
	Rachel Levy and C.W. Francis, Journal of Colloid And Interface Science, March 1975, Vol. 50 (3), 442-450					
	D.J. Greenland, Journal of Colloid Science, Vol. 18, 1963, pages 647-664					
	Richard A. Vaia et al., New Polymer Electrolyte Nanocomposites: Melt intercalation of polyethyleneoxide in mica type silicates, Advanced Materials, 7(2), 1995, pages 154-156					
	V. Mehrotra, E.P. Giannelis, Solid State Communications, 1991, Vol. 77, No. 2, pages 155-158					
	Ed. T.J. Pinnavia and G.W. Beall, John Wiley & Sons, Ltd. Publishers, Polmer-Clay Nanocomposites, 2000					
KIW	H. van Olphen, John Wiley & Sons, Ltd. Publishers, An Introduction To Clay Colloid Chemistry, 1963, 1977					
	Co-pending USSN 09/_____, Dontula et al., <i>Ethoxylated Alcohol Intercalated Smectite Materials</i> (D-82056)					
	Co-pending USSN 09/_____, Nair et al., <i>Polyester Nanocomposites</i> (D-82858)					
	Co-pending USSN 09/_____, Dontula et al., <i>Article Utilizing Block Copolymer Intercalated Clay</i> (D-82859)					
EXAMINER	Katarzyna Myrozebska			DATE CONSIDERED		
				Aug 28, 2003		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.